

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/IB2005/000341

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61B17/70

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 946 458 A (HARMS ET AL) 7 August 1990 (1990-08-07) column 3, line 4 - line 27; figures 1,2	1,2,6,10
Y	-----	4,5,8,9
Y	WO 03/047441 A1 (MATHYS MEDIZINALTECHNIK AG; STUDER, ARMIN) 12 June 2003 (2003-06-12) figures 3-5	4,5
Y	WO 03/068088 A (CROSS MED PROD INC) 21 August 2003 (2003-08-21) page 5, line 3 - page 6, line 9; figures 1,2	8,9
	----- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

13 May 2005

Date of mailing of the international search report

24/05/2005

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Ducreau, F

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IB2005/000341

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4946458	A	07-08-1990	DE 3614101 C1	22-10-1987
			AT 82484 T	15-12-1992
			CA 1328591 C	19-04-1994
			DE 3782678 D1	24-12-1992
			EP 0242708 A2	28-10-1987
			ES 2035826 T3	01-05-1993
			JP 1802142 C	26-11-1993
			JP 5008011 B	01-02-1993
			JP 62277954 A	02-12-1987
			KR 9506929 B1	26-06-1995
WO 03047441	A1	12-06-2003	AU 2002218099 A1	17-06-2003
			AU 2002242566 A1	17-06-2003
			BR 0117188 A	09-11-2004
			BR 0214584 A	03-11-2004
			CA 2469005 A1	12-06-2003
			CA 2469008 A1	12-06-2003
			WO 03047442 A1	12-06-2003
			CZ 20040691 A3	16-02-2005
			EP 1450707 A1	01-09-2004
			EP 1450708 A1	01-09-2004
			NZ 533300 A	25-02-2005
			NZ 533301 A	24-03-2005
			US 2005056979 A1	17-03-2005
			US 2005065514 A1	24-03-2005
WO 03068088	A	21-08-2003	US 2004006342 A1	08-01-2004
			US 2003163133 A1	28-08-2003
			AU 2003210964 A1	04-09-2003
			EP 1474053 A1	10-11-2004
			WO 03068088 A1	21-08-2003
US 5882350	A	16-03-1999	US 5669911 A	23-09-1997
			US 5520690 A	28-05-1996
			US RE37665 E1	16-04-2002
			AT 250393 T	15-10-2003
			AU 714659 B2	06-01-2000
			AU 5539796 A	30-10-1996
			CA 2216955 A1	17-10-1996
			DE 69630117 D1	30-10-2003
			DE 69630117 T2	09-06-2004
			EP 1364623 A1	26-11-2003
			EP 0828459 A1	18-03-1998
			JP 3497865 B2	16-02-2004
			JP 11503351 T	26-03-1999
			US 2002045899 A1	18-04-2002
			WO 9632071 A1	17-10-1996
			US 5531746 A	02-07-1996
			US 5643265 A	01-07-1997
			US 5647873 A	15-07-1997
			US 5607426 A	04-03-1997
			US 5876402 A	02-03-1999
			US 5725588 A	10-03-1998
			US 5690630 A	25-11-1997
			US 5817094 A	06-10-1998
WO 0015125	A	23-03-2000	AU 751174 B2	08-08-2002
			AU 5404799 A	03-04-2000

DECI AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/000341

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0015125	A		CA 2343327 A1	23-03-2000
			WO 0015125 A1	23-03-2000
			EP 1109502 A1	27-06-2001
			JP 2002524188 T	06-08-2002
			US 6187005 B1	13-02-2001
			ZA 200100673 A	28-08-2001
FR 2827498	A1	24-01-2003	CA 2453989 A1	30-01-2003
			EP 1408860 A1	21-04-2004
			WO 03007828 A1	30-01-2003
			JP 2005504566 T	17-02-2005
FR 2697742	A1	13-05-1994	AT 146064 T	15-12-1996
			CA 2109457 A1	07-05-1994
			DE 69306536 D1	23-01-1997
			DE 69306536 T2	28-05-1997
			EP 0596788 A1	11-05-1994
			ES 2096249 T3	01-03-1997
			GR 3022754 T3	30-06-1997
			JP 2666683 B2	22-10-1997
			JP 6165789 A	14-06-1994
			US 5380325 A	10-01-1995

BEST AVAILABLE COPY